WHAT IS CLAIMED IS:

- 1. A bone implantable device for locating adjacent a target bone structure, said bone implantable device comprising:
 - a body defining an outside surface;
 - a carrier receiving area defined by said body;
 - an un-doped carrier material loaded in said carrier receiving area;
 - a port that communicates said outside surface with said carrier receiving area for facilitating delivery of a biologically active substance onto said un-doped carrier material;
 - a pathway that communicates with said carrier receiving area for delivering said biologically active substance from said carrier receiving area to a target bone structure.
- 2. The bone implantable device according to claim 1 further comprising: a plug in said port adapted to be penetrated by a syringe.
- 3. The bone implantable device according to claim 1 further comprising:
 a plenum in communication with said port, said plenum extending into said carrier receiving area for distributing said biologically active substance received through said injection port into said carrier receiving area.
- 4. The bone implantable device according to claim 1 wherein: said body comprises a cage body of a spinal fusion cage.
- 5. The bone implantable device according to claim 1 wherein: said body comprises a body of a facet fusion screw.
- 6. The bone implantable device according to claim 1 wherein: said body comprises a body of an artificial joint.

- 7. The bone implantable device according to claim 1 wherein: said body comprises a body of a bone fixation plate.
- 8. The bone implantable device according to claim 1 wherein: said body comprises a body of an interbody graft.
- 9. The bone implantable device according to claim 1 wherein: said body comprises a body of an IM nail.
- 10. The bone implantable device according to claim 1 wherein: said body comprises a body of a hip stem.
- 11. The bone implantable device according to claim 1 wherein: said body comprises a body of a bone-to-bone orthopedic appliance.
- 12. The bone implantable device according to claim 1 wherein: said body comprises a body of a bone-to-device orthopedic appliance.
- 13. The bone implantable device according to claim 1 wherein: said body comprises a cage wall having perforated zones and non-perforated zones.
- 14. A method of implanting a bone implantable device comprising the steps of: installing a carrier into a carrier receiving area of a bone implantable device;

implanting the bone implantable device adjacent a target bone structure; applying biologically active substance onto said carrier for subsequent delivery to said target bone structure.

15. The method according to claim 14 further comprising the steps of: applying said carrier into said carrier receiving area prior to said step of

implanting.

- 16. The method according to claim 14 further comprising the steps of: injecting said biologically active substance through an injection port into said carrier receiving area.
- 17. The method according to claim 14 further comprising the steps of: injecting said biologically active substance into a plenum for increasing he evenness of distribution of said biologically active substance throughout said carrier receiving area.
- 18. A interbody spine fusion cage for fusing adjacent vertebrae, said spinal fusion cage comprising:
 - a cage body defining an outside surface;
 - a carrier receiving area defined by said cage body;
 - an un-doped carrier material loaded in said carrier receiving area;
 - a port that communicates said outside surface with said carrier receiving area for facilitating delivery of a biologically active substance onto said un-doped carrier material;
 - a pathway that communicates with said carrier receiving area for delivering said biologically active substance from said carrier receiving area to a target bone structure.
 - 19. The interbody spine fusion cage according to claim 18 further comprising: a plug in said port adapted to be penetrated by a syringe.
 - 20. The interbody spine fusion cage according to claim 18 further comprising: an end cap on an end of said cage body for enclosing said carrier receiving area; and wherein said port is defined by said end cap.

- 21. The interbody spine fusion cage according to claim 20 further comprising: a plug in said port adapted to be penetrated by a syringe.
- 22. The interbody spine fusion cage according to claim 18 further comprising:
 a plenum in communication with said port, said plenum extending into said
 carrier receiving area for distributing said biologically active substance received
 through said port into said carrier receiving area.
- 23. The interbody spine fusion cage according to claim 18 wherein: said passageway is comprised of an aperture defined by said cage body.
- 24. The interbody spine fusion cage according to claim 18 wherein: said cage body comprises a cage wall having perforated zones and non-perforated zones.
- 25. An interbody spine fusion cage for promoting fusion between adjacent bone structures, comprising:
 - a cage body having a posterior end and an anterior end and defining an internal cavity, the cage body further having an outer surface and a plurality of apertures extending through the outer surface in communication with the internal cavity, the outer surface comprising a preselected pattern of perforated and non-perforated areas, wherein, upon implantation, a perforated area is in contact with an adjacent bone structure while all areas of the cage body not in contact with adjacent bone structure are non-perforated; and
 - a non-perforated end closure at each end of said cage body, at least one of the end closures being movable so as to provide access to the internal cavity.
- 26. The interbody spine fusion cage according to claim 25, further comprising an upper perforated area for locating adjacent an upper bone structure to be fused

and a lower perforated area for locating adjacent a lower bone structure to be fused, wherein said upper perforated area and said lower perforated area are separated exclusively by non-perforated areas.

- 27. The interbody spine fusion cage according to claim 25, wherein: said non-perforated zones are on lateral sides of the cage and extend in opposing relation from the posterior end toward the anterior end; and said perforated areas comprise two opposed perforated areas oriented so that upon insertion the perforated areas are adjacent the bone structures to be fused.
- 28. An apparatus for insertion into a vertebral interspace between adjacent vertebral bodies to facilitate arthrodesis between bone structures of the adjacent vertebral bodies while preventing bony overgrowth toward neural elements, comprising:
 - a cage body having a posterior end and an anterior end and defining an internal cavity, the cage body further having an outer surface and a plurality of apertures extending through the outer surface in communication with the internal cavity in areas of the outer surface which, upon implantation of the apparatus, allow for arthrodesis between the bone structures;
 - wherein no area of the cage body directed toward neural elements upon implantation of the apparatus are not in communication with the internal cavity so as prevent bony overgrowth toward the neural elements.
- 29. The apparatus of claim 25, further comprising:
 means on the cage body for aiding insertion of the cage body between adjacent vertebral bodies.
- 30. The apparatus of claim 25, further comprising:

a non-perforated removable end cap securable to the posterior end of the cage body.

- 31. In a body having vertebral bodies defining a central canal, a spinal cord located in the central canal, neural elements branching out from said spinal cord through openings between the vertebral bodies, an arthrodesis facilitating therapeutic combination comprising:
 - a cage body inserted between the adjacent vertebral bodies, said cage body having a posterior end and an anterior end and defining an internal cavity, the cage body further having an outer surface that forms a periphery of said cage body, said outer surface having at least one aperture formed therein, said aperture adjacent the vertebral bodies to be fused to allow bone growth across the vertebral interspace;
 - a longitudinal occluded area on said cage body, said occluded area for preventing communication between said internal cavity and said outer surface; and
 - wherein said longitudinal occluded area shields the neural elements from said internal cavity so that bone can grow only into the vertebral bodies and away from the neural elements.
- 32. An apparatus for insertion between adjacent vertebral bodies to facilitate arthrodesis between bone structures of the adjacent vertebral bodies while preventing bony overgrowth toward neural elements, comprising:
 - a cage body having a posterior end and an anterior end and defining an internal cavity, the cage body further having an outer surface that forms a periphery of said cage body, said outer surface having a plurality of apertures formed therein;
 - wherein one of said posterior end and said anterior end is a non-perforate surface and one of said posterior end and said anterior end is an open end;

an end closure for locating at said open end of said cage body, said end closure

having a longitudinal occluding surface for selectively occluding apertures such that a longitudinal portion of said cage body from a posterior end to an anterior end is occluded, said longitudinal occluding surface sized to provide an occluded portion of sufficient size to prevent bone growth from impinging on neural tissue when said cage body is inserted between adjacent vertebral bodies.

- 33. A cage to promote bony fusion of adjacent vertebral bodies comprising:
 - a cage body having a posterior end, an anterior end and an outer surface, said cage body defining an internal cavity and at least one aperture extending through said outer surface, said aperture in communication with said internal cavity;
 - a first non-perforated zone on said cage body, said first non-perforated zone extending from said posterior end of said cage body a preselected length toward said anterior end;
 - a first lateral side of said cage body and a second lateral side of said cage body extending in opposing relation from said first zone further toward said anterior end;
 - a second non-perforated zone on said first lateral side of said cage body extending from said first zone further toward said anterior end;
 - a third non-perforated zone on said second lateral side of said cage body
 extending in opposing relation with respect to said second nonperforated zone and extending from said first zone further toward said
 anterior end; and
 - two opposed perforated zones oriented so that upon insertion of said cage body between the adjacent vertebral bodies, the perforated zones adjacent the vertebral bodies to be fused for allowing bone growth across a vertebral interspace between the adjacent vertebral bodies.
- 34. The cage according to claim 33 wherein:
 a center of said second non-perforated zone is offset approximately 90 degrees

from a center of said two opposed perforated zones.

- 35. An implantable device for locating within a body, said implantable device comprising:
 - a body defining an outside surface;
 - a carrier receiving area defined by said body;
 - an un-doped carrier material loaded in said carrier receiving area;
 - a port that communicates said outside surface with said carrier receiving area for facilitating delivery of a biologically active substance onto said un-doped carrier material;
 - a pathway that communicates with said carrier receiving area for delivering said biologically active substance from said carrier receiving area to a target bone structure.
- 36. The implantable device according to claim 35 further comprising: a plug in said port adapted to be penetrated by a syringe.
- 37. The implantable device according to claim 35 further comprising:
 - a plenum in communication with said port, said plenum extending into said carrier receiving area for distributing said biologically active substance received through said injection port into said carrier receiving area.